

# HUITT-ZOLIARS

---

## **ADDENDUM NO. 1**

**For**

**Stonebrook Parkway**

**Roadway Improvements**

FM 423 to 4th Army Memorial Drive

Frisco, Texas

July 30, 2010

Prospective bidders are instructed to acknowledge receipt of this Addendum on page 8 of the Bid Form – Section 1 Bid Requirements form by initialing in the designated locations. Failure to do so may invalidate your Proposal.

### **Bid Requirements:**

1. As a house keeping item, the Pre-Bid meeting time is hereby changed in the project manual to reflect meeting held at 1:30 pm Tuesday, July 27, 2010.

### **Bid Schedule:**

1. Bid Item **EW-12** has been added for **6,890 L.F. Temporary Construction Fence**
2. Bid Item **SD-11 Trench Safety** quantity has been revised from 252 L.F. to **266 L.F.**
3. Bid Item **SL-7 Electric Conductor** revise (No. 6) Bare to **(No. 4) Bare**. Quantity remains the same.

Per Pre Bid Meeting, electronic bid schedules to be sent to attendees and plan holders.

### **Special Conditions:**

SC11 Pay Items:

1. **Pay Item EW-12** is hereby added as follows:

#### **“Pay Item EW-12 – Temporary Construction Fence**

The work under this section will consist of temporary, re-locatable construction fencing to separate construction work from ongoing cattle operations within the Phillips Creek Ranch property. Temporary Construction fencing shall be installed along the south side of Stonebrook Parkway and shall be chain link, plastic, barb wire, etc. to provide a physical barrier for safeguarding livestock. Similar to bid items for barb wire fence and access gates, the Contractor shall coordinate work, installation, and adjustments with the City and land owner.

Measurement and payment shall be on the basis of the price bid per linear feet of temporary

# HUITT-ZOLIARS

---

construction fence and shall be full compensation for all labor, materials, and incidentals necessary to complete the work.”

2. **Pay Item PV-31** is replaced in its entirety to read:

**“Pay Item PV-31 – Construct 6’ Sidewalk**

The work under this section shall be performed in accordance with plan call outs, City of Frisco Specification Section SR, and the City of Frisco General Notes. Sidewalk shall be six feet (6’) in width, four inches (4”) thick, 3,000 psi with No. 3 rebar at 24” each way.

Measurement and payment shall be on the basis of the price bid per square feet of reinforced concrete sidewalk and shall be full compensation for all labor, materials, and incidentals necessary to complete the work.”

**Construction Plans:**

1. Drawing **C-008 General Notes Minimum Steel Reinforcing and Joints for Sidewalks**. First Paragraph, change “No. 4 bars on 18” centers” to **“No. 3 bars on 24” centers”**.
2. Drawing **C-079**, Quantity Table, Item 620 and Drawing **C-085 Conduit and Conductor Runs Tables** – Replace #6 Bare with **#4 Bare**.

# HUITT-ZOLLARS

---

## RESPONSES TO PLANHOLDER & BIDDER QUESTIONS

For  
**Stonebrook Parkway  
Roadway Improvements**  
FM 423 to 4th Army Memorial Drive  
Frisco, Texas

July 30, 2010

Huitt-Zollars, Inc. is providing the following responses to questions received at the pre-bid conference, by e-mail, and by telephone from plan holders and prospective bidders. The information below is presented as a clarification, explanation, or information to aid prospective bidders in preparing their bid. Acknowledgment of Addendum No. 1 will indicate the Contractor has received and reviewed the information contained herein in preparation of his bid.

- Roadway Solutions (received July 27<sup>th</sup> at Pre Bid Meeting)

### Illumination

1. Item 62-514 elec cond # 1-0 5725 ft were is wire used?  
**#1/0 is used from the service pedestal to the 3KVA irrigation transformer. See Sheet C-080.**
2. Is there any SPEC on the 3KBA transformer called for on the irrigation? What brand?  
**Transformer is a 3KVA, 480-120v Single phase transformer. A Square D 3S1F or similar is satisfactory.**
3. Same for lighting panel and contactor panel. SPEC, what brand?  
**For Lighting panel and contactor, they are included in the Service Enclosure. See Sheet ED (5) particularly items XIV and XV. Choose a type used by the City or TxDOT.**
4. Elec contractor responsible for installation of irrigation?  
**This depends on how you organize the job. Typically, the electrical contractor will supply power to the 3 KVA xfmrs and the Irrigation contractor is responsible from there.**
5. Who is installing the conduit into the irrigation controller?  
**See answer to 4.**
6. Item 620-508 elec # 10 insulated 3686 FT, is this quantity including the # 10 ground that is called for on plan sheet C083, C080, C081?  
**Yes**
7. Item 620-2009 the # 6 bare is this the right size for use of the #2. Shouldn't it be the same

# HUITT-ZOLIARS

---

size?

**On a 40-amp circuit, where the wire is oversized due to voltage loss, the Code requires the ground to be sized proportionally. The Ground should be a #4 instead of a #6.**

8. Sheet C-083 on the south east side of the sheet it is calling two #8 and one #10 is this a typo or has to be #8?

**No, this is the line from the service to the 3KVA transformer. There are two #8 power wires and a #10 ground wire.**

## Signal

1. Sheet C-157 indicates item supply by the City of Frisco Ped Pole assm. However Sheet 159 note indicates contractor to furnish and supply ped pole assm?

**The City will be providing the pedestal pole assemblies.**

2. 24" diameter foundation or ped pole assm and trf sig controller foundation, are these items subsidiary to item 680 or ped pole assm?

**The pedestal pole assemblies foundations and traffic signal controller foundation will be paid for subsidiary to Item 680.**

3. For clarification it's called for the city to provide all sig heads LED. Veh sig LED green, is this including all the hardware?

**The City will be supplying the LEDs, backplates, and heads. Contractors will supply the hardware.**

4. Sheet C-167. Quantity summary for trf sig contingency this item does not exist in bid schedule. Is on the Plan but not in the book.

**The traffic signal contingency can be removed due to an overall contingency being included for the project.**

- Mario Sinacola & Sons (e-mail received July 27th and 28th)

1. In the proposal and specs a 6" sidewalk is called for, what is the width of the sidewalk?

**Typographical error – sidewalk width is 6' (feet) and will be 4" in thickness. See Addendum No. 1.**

2. Another question; In the pre-bid you state that temporary fencing for cattle control would be a subsidiary item. Do you have a station to station limit on where this temporary fence may be required?

**We do not have exact limits for the temporary fencing; however, the Phillips Creek Ranch property begins at approximately Sta. 9+05 and ends at Sta. 78+35. Additional temporary fencing may be needed to temporarily fence off work operations, and will have to be worked out in the field with the City and property owner.**

# HUITT-ZOLIARS

---

3. Also the proposal states that 4 project signs will be required, yet there is not a pay item for them. Are they also subsidiary to other items on the project?

**Yes, they are subsidiary items.**

4. We have run an analysis of the cross sections provided for this project and come up with a major difference with the excavation quantity that is in the proposal. At the same time it appears like there is a considerable amount of channel, inflow and outflow work required for this project. Is the channel and outflow excavation quantity included in your bid item for excavation? If so, the plans do not provide enough information for us to verify the quantities at each outfall. Do you have a quantity breakdown by outfall or inflow?

**All inflow/outfall channel work and grading outside of the ROW is included in the excavation bid item total. We do not have the quantities broken out for each area as the quantities were determined with proposed and existing surfaces for the entire project.**

- Tiseo Paving (telephone conversation July 28th)

1. Do paving quantities contain any extra square yardage as a contingency?

**Square yardage was determined from CAD files and should be very close to bid schedule quantity shown.**

2. Traffic Control General Note no. 5 indicates advance warning of construction; are message boards going to be required?

**Message board signs are not anticipated for the project; warning signs should be posted in advance of construction.**

3. On the PCR Land Ltd. property, is there a name & contact number to discuss leasing land to set up a temporary batch plant?

**Republic Property Group: Mark Wagner or Patrick Cowden (214) 292-3410**

4. Paving cross section show a keyway joint at the driving lanes – is this a requirement?

**No, full width paving is acceptable.**

5. Separate e-mail to be provided regarding moisture conditioning around utilities.

**O.K.**

- Tri-Star Pipe Inspection (e-mail received July 29th)

1. I am bidding the job to clean and test the sanitary sewer on the Stonebrook Pkwy job. Specs call for a telethermometer to be placed in the line during the pressure test. Specifically a yellow springs instrument #43td. I researched this model number and the wh curtain probe and can not find any info on this. Can you provide me with any info? Can we not just allow the pressure to stabilize and start the timer?

**The specs contain an “or equal” provision, so the contractor needs to find equal to what is specified. Yes, they are allowed let the pressure stabilize and start the timer.**

# HUITT-ZOLIARS

---

Also how long has this been in the ground? Do you have the original plans for us to refer to while cleaning and testing both storm and sanitary?

**The utilities have been in the ground since summer 2007, and the utility plans are part of the overall set.**

- JRJ Paving (e-mail received July 29<sup>th</sup>)
  1. Concerning moisture conditioning item, if we m.c. four feet deep we most likely will either hit existing storm sewer mains and laterals. Even if we missed them the wet ground will push the existing utilities, if not break them. Is there any way to address this problem (water injection in this area) before the bid?  
**City Response: No water injection. As said in the prebid meeting, you need to be careful working around these existing utilities and get as close as you can to them.**
- Mario Sinacola & Sons (e-mail received July 29<sup>th</sup>)
  1. Temporary fencing follow-up: If both sides are fenced it would be 14,000 LF of fencing required, which needs to be stated to all bidders. If there was a bid item for the temporary fence, then it could be worked out in the field, but as a subsidiary item, we are at risk.  
**Bid item for 6,980 linear feet of temporary fencing has been added for the south side of Stonebrook Parkway. Temporary fencing that is movable may be barb wire, chain link, plastic, etc to provide a adequate physical barrier to keep the cattle away from construction operations.**
- Prism Electric (e-mail received July 29<sup>th</sup>)
  1. Bid schedule line # SL-3: What does "DR SH" stand for?  
**Drilled Shaft.**
  2. Bid Schedule line # SL-11: is this a service pedestal that comes complete with meter, photocell, contactor, and lighting panel? If not, can I get the exact cat# that is required?  
**Pedestal is complete with meter, photocell, contactor and lighting panel.**
  3. Bid Schedule line # SL-12: 3kva transformer, where are more details found on this, what enclosure will be needed?  
**See previous Traffic Solutions response.**
  4. Bid Schedule line # SL-13: Lighting panel, if it is not part of the service in line 2 above where can I find more details about them?  
**See comment 2.**

# HUITT-ZOLIARS

---

5. Bid Schedule line #SL-14: Lighting Contactors qty 24? If this is not part of the service in line 2 above, where can I find more details about them?  
**See Sheet ED5, Item XIV.**
6. Bid Schedule line # SL-15: Lighting Contactor Panel, if this is not part of the service in line 2 above, where can I find more details on them?  
**See comment 2.**
7. TXDOT # RID (FND)-07: Anchor Bolt Detail requires a #6 bare stranded bonding wire from the re-bar to an anchor bolt. Is this in place of a grounding rod? Or is it in addition to the 5/8ths X 8' grounding rod shown in Section A-A same page.  
**In addition to grounding rod.**
8. What is the finished elevation above grade for pole bases? Diagram shows them flush with grade and with out a beveled edge. What is required?  
**Reference Special Conditions SC-12 STREET LIGHTING. City of Frisco standards are 3" above grade with chamfered (beveled) edge.**
9. Rebar size is 6-#4 vertical and 1-#3 at 6" pitch from top to bottom with 2 flat turns top and bottom- is this correct?  
**Yes.**
10. Will any "ripcap" be required?  
**No "riprap" is required.**
11. All conduit runs (not the 90's) will be schedule 40 pvc?  
**Correct.**
12. No compaction requirements on trench for conduit?  
**Correct.**
13. All lengths are as Bid Schedule indicates?  
**All lengths are measured from drawings. Lengths should be field verified by contractor.**

END OF ADDENDUM NO. 1